

Main DDR (Detailed Diagnostic Report)

1. Property Issue Summary

Roof terrace shows damp patches near the north parapet and visible seepage marks.

Ceiling in bedroom has water stains and minor paint blistering.

Bathroom wall has mold growth behind the shower mixer.

Thermal interpretation suggests trapped moisture in slab and wall interface.

2. Area-wise Observations

Ceiling

[Inspection Report] Ceiling in bedroom has water stains and minor paint blistering.

General

[Inspection Report] No structural crack observed in internal columns.

[Thermal Report] Recommend moisture meter validation and post-repair thermal retest.

Roof

[Inspection Report] Roof terrace shows damp patches near the north parapet and visible seepage marks.

[Inspection Report] Possible cause: rainwater entering through failed terrace waterproofing joints.

[Thermal Report] Area: Roof terrace north edge recorded 38.6 C hotspot at 11:00 AM.

Terrace

[Inspection Report] Recommend re-sealing terrace joints and checking drainage slope.

[Thermal Report] Area: Bedroom ceiling recorded 24.1 C cooler patch below terrace slab.

Wall

[Inspection Report] Bathroom wall has mold growth behind the shower mixer.

[Thermal Report] Area: Bathroom wet wall recorded 27.8 C with irregular thermal anomaly.

[Thermal Report] Thermal interpretation suggests trapped moisture in slab and wall interface.

3. Probable Root Cause

Possible cause: rainwater entering through failed terrace waterproofing joints.

4. Severity Assessment (with reasoning)

Severity Level: High

Reasoning: water ingress indicators are present; moisture/thermal anomalies were identified

5. Recommended Actions

Recommend re-sealing terrace joints and checking drainage slope.

Recommend moisture meter validation and post-repair thermal retest.

6. Additional Notes

Thermal input captured: Area: Roof terrace north edge recorded 38.6 C hotspot at 11:00 AM.

Thermal input captured: Area: Bedroom ceiling recorded 24.1 C cooler patch below terrace slab.

Thermal input captured: Area: Bathroom wet wall recorded 27.8 C with irregular thermal anomaly.

7. Missing or Unclear Information

Not Available